

FL39	1	MAAV.....R.RRER.....	DVVE.....	
ICK1	1	M..V.....RKYRKAK.....	GIVE.....	
FL67	1	M.....GKYIRKSKIDGAGAGAGGGGGGGGGESSIALMDV.....	VSPS.....	
FL66	1	M.....GKYMKKSKITG.....	DISVMEVSKATAPS.....	
ALFCDKI	1	M.....GKYMKKLK.....	SKSESPSPN	
CrCKI	1	MAAAATPTSSPAKKIKK.....	VSKS.....	
FL39	14	.....ENGVT.....	.....	
ICK1	14	.....A.GVS.....	.....	
FL67	41	.....SSSSLGVLTR.AKSLALQQQQQRCLL.....	KPSSP	
FL66	27	.....P...GVRTRAANKILAI.....	KR..LNSSAAD	
ALFCDKI	19	STPTPSPPSPPTPIITNSPPPPTPNSSDGVRTR.ARTLALE.....	NS.....	
CrCKI	22	.....		
FL39	20	.....TT..VKRRKMEEEVDLVE.....	S	
ICK1	19	.....TY..MQLR.....	S	
FL67	72	SSLPPTSASPNNPSKQKMKKKQQQM.....	D.CGEY.L.QLR.....	S
FL66	49	SALP.....N.....	DSSC.Y.L.QLR.....	S
ALFCDKI	61	.....NNQNQNLSVSSD.....	SY.L.QLR.....	N
CrCKI	22	.....SYNIPQLR.....	S	
FL39	37	RIILSPCVQATNRGGIV.AR.....	.....	
ICK1	26	R.....R..IVYVR.....	.....	
FL67	108	R.....RLQKRP.....	PIVVIRSTKRRKQQRRNETCGRNP.....	
FL66	64	R.....RLE.KPSSLIEP.....	KQ.....P	
ALFCDKI	80	R.....RLKR.....	PLIRQHSAKRNK.....	GHDGN
CrCKI	31	R.....R.....	K.....N	
FL39	56	NSAGASE..TSV.....VIVRRRDSPPVVEEQ.....	.....	
ICK1	33	.....SEKSSSV.....SVV.....	.....	
FL67	140	PRSNLDSIRGDGSRS..DSVSE..SVVFGKDSDLTSE.I.....	MKDPTF	
FL66	79	PRVHRSGIKESGSRSRVDSVN..SVP.....VAQSS.....	NEDECEDNF	
ALFCDKI	102	PK..SPI..G.....DSIAEKEKIV.....	QKSPEPENAE..PK	
CrCKI	35	LSAP.....		
FL39	80	..CQIEEEEDSSV.SCCSTSEE.KSKRRRIEVVDEE..NNGDDRET.ETSWIY...	.....	
ICK1	43	....GONGVSSSCSGSNEYKKK..ELIHLEEDKDGD..T.ETS.TYRRG	.....	
FL67	180	....GON.....	....EDLEEEHTQSFRNTRES	
FL66	117	VSVQVSCGENSLG.....	E..ESRH.....STRES	
ALFCDKI	129	....ENA.....	EDTE.....RSARET	
CrCKI	39	....EN.....	EAEI.....ET	
FL39	125	....DDLNKSEESMNMDSSVAVEDVE.....	.....	
ICK1	83	TKRKLCENLREEEKEELSKSME..NYSSEFES.AVK..E.....	.....	
FL67	202	TP.....CS.....	LIRRPEIM.....TT.....PG	
FL66	140	TP.....CN.....	EVEDMEIM.....VT.....PG	
ALFCDKI	142	TP.....VH.....	LIMRADVLRPPRPITRR.FE.	
CrCKI	47	TPLEVAAVVEEEVANCS.....	SSEVI.....TTARSDFPP	

Figure 1

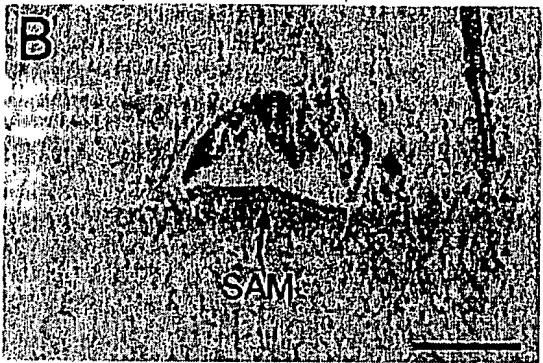


(2/2)

FL39	148	SRRRL.....	.RKSLHETV..
ICK1	117	S...LDCCCS.....	.GRKTMEETVTA
FL67	218	SSTALNIC..VS.....	.ESNOR..EDSLSR
FL66	156	SSTE..SMCRATK.....	.YTRE..QDNVI.
ALFCDKI	166	..T.....	.BANPK..TE....
CrCKI	79	S.....CCSSNYDQLSSSEPEVKDDDGLGNRTADPEVESGEASSK..QK...E	
FL39	161	.....K.....	EAELEDFQVAEKDLRNKLLECSMK
ICK1	135	EEEEKA <del>K</del> LMT.....	EMPTESETEDFVEAEKOLKEKF...KKK
FL67	239	SHRRR.....	PTT.....P...EMDEFSGAEEQQKOFIE...K
FL66	177	.....	PTT.....S...EMEEFFAYAEQQQORLFME...K
ALFCDKI	174	....Q.....	PTI.....PISREFEEFAKHEAFOOREFME...K
CrCKI	123	SHRTEAREATKLDDQDY <del>B</del> ATKSTVQIKMPSDSEIEEF <del>F</del> AVA <del>E</del> KDLOKRFSE...K	
FL39	187	.....	YNFD <del>F</del> E <del>K</del> D <del>E</del> PLGGGRYE
ICK1	171	.....	YNFD <del>F</del> E <del>K</del> E <del>K</del> PL.GRYE
FL67	268	YVFPRFICSVLLVMSFQFVLFFSGLVSLMVSNSFFF	YNFD <del>P</del> VN <del>E</del> QPLP.GRF <del>E</del>
FL66	201	.....	YNFDIVNDIPLS.GRYE
ALFCDKI	202	.....	YNFD <del>P</del> VTEQPLP.GRYE
CrCKI	175	.....	YNFDIVKD <del>V</del> PLK.GRYE
FL39	204	WVKLN <del>P</del>	
ICK1	187	WVK <del>I</del> E	
FL67	322	WTKVDD	
FL66	217	WVQVKF	
ALFCDKI	218	WEKVSP	
CrCKI	191	WVP <del>I</del> NP	

FIGURE 1 (continued)

Figure 2B



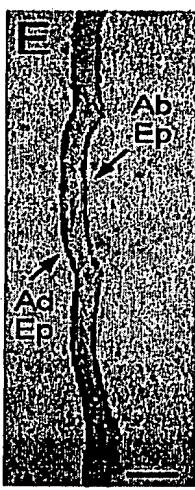
This electron micrograph shows a large, roughly circular structure with a granular internal texture. In the top left corner, there is a large, bold letter 'C'. In the top right corner, there is a label 'LP' with a small arrow pointing towards the right side of the main structure. A horizontal scale bar is located in the bottom right corner.

**Figure 2C**

**Figure 2D**

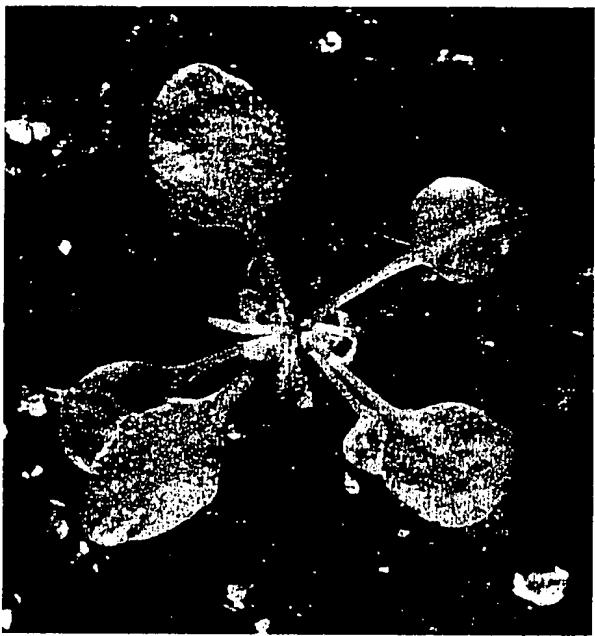


**Figure 2E**



**Figure 2F**

**Control**



**ICK2 1.10**



Figure 3A

Figure 3B

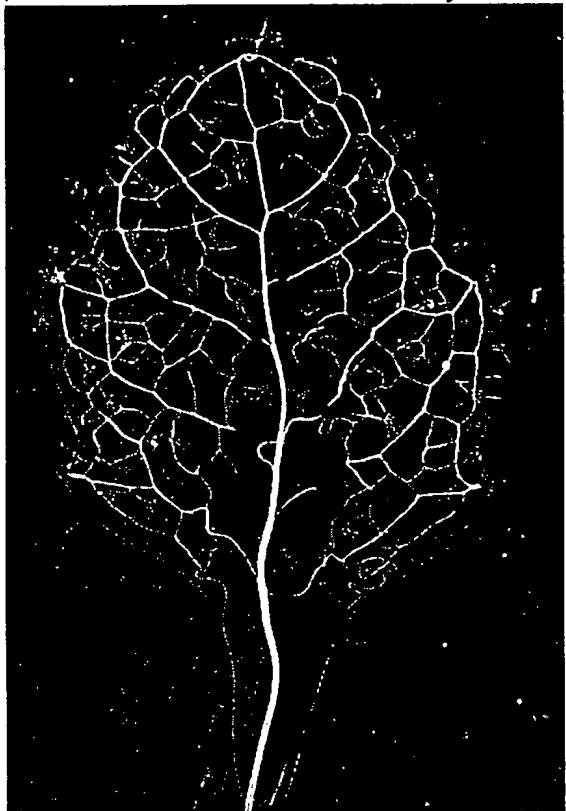
**Control**

**ICK2 1.10**

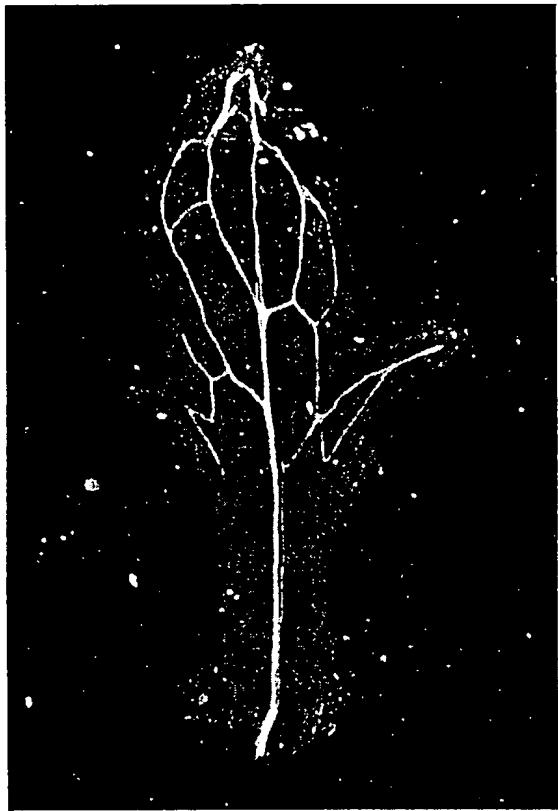


**Figure 3C**

**Figure 4A**



**Figure 4B**



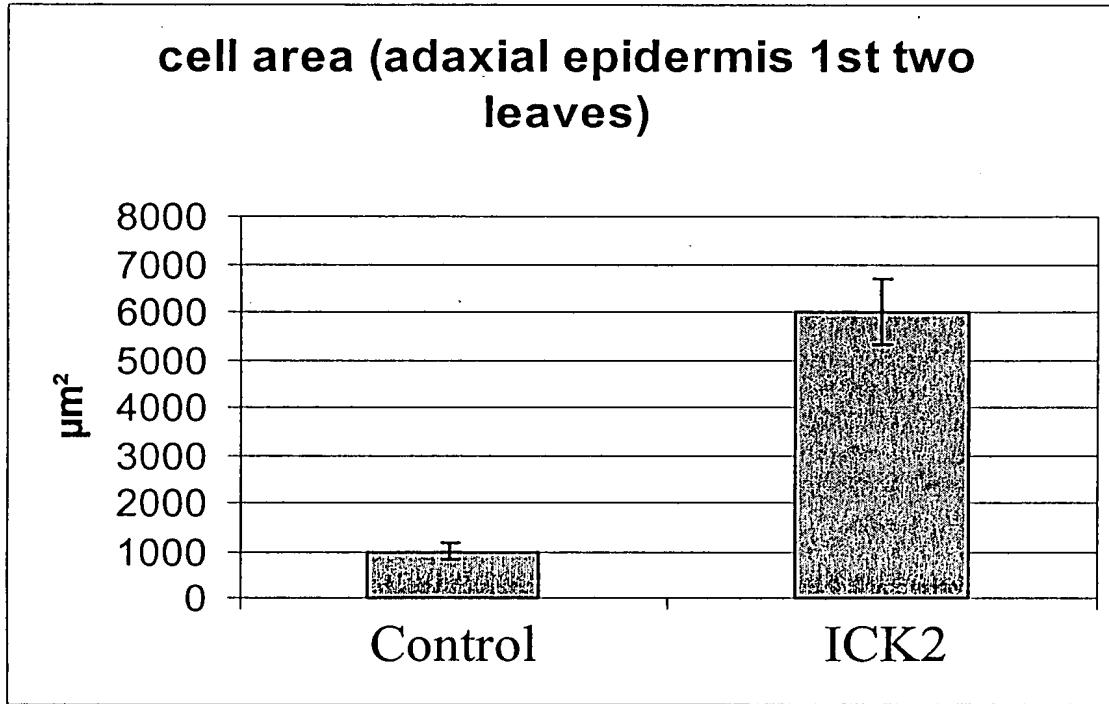
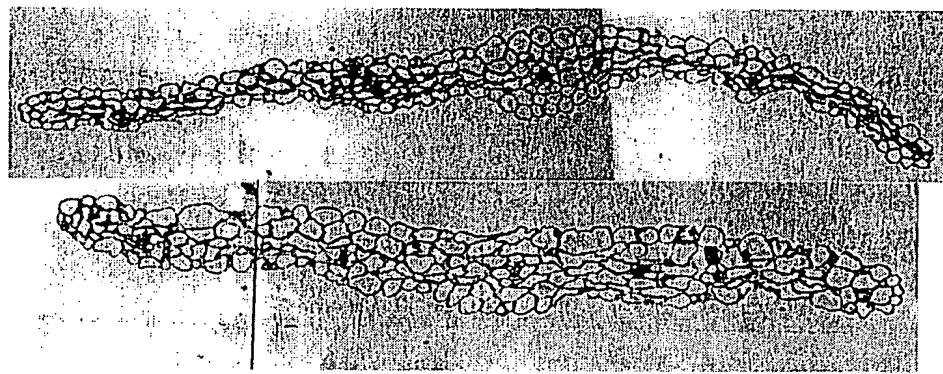


Figure 5

**Figure 6A**



**Figure 6B**

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DOI: 10.1017/CBO9780511541294.003

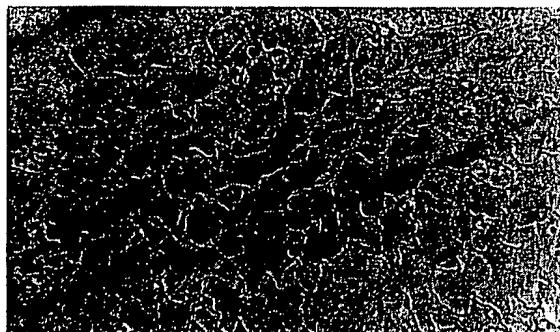
Narrow leaves: Whole-mount study of cleared leaves (1<sup>st</sup> rosette leaves)

A



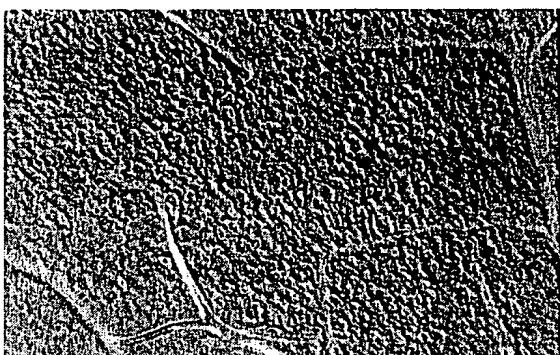
WT: DIC image of adaxial epidermis

B



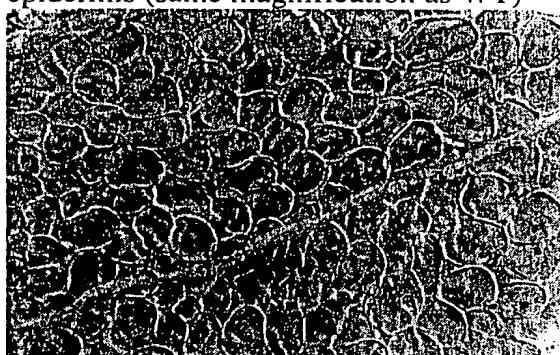
35SFL39: DIC image of adaxial epidermis (same magnification as WT)

C  
D  
E



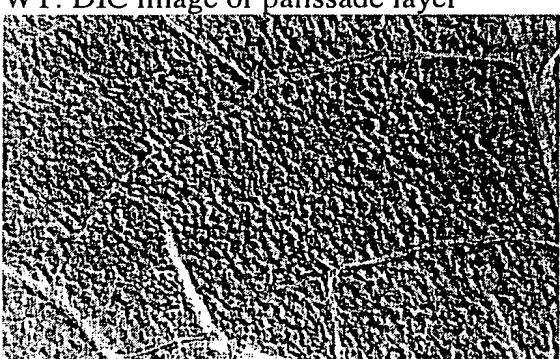
WT: DIC image of palissade layer

D

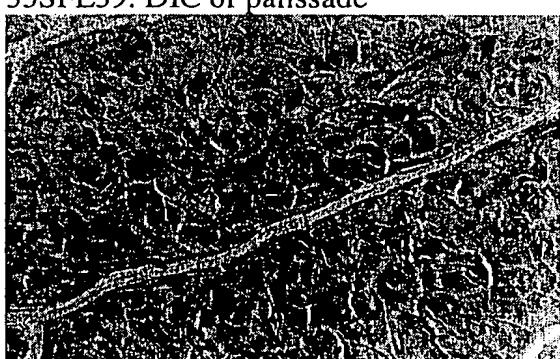


35SFL39: DIC of palissade

F



WT: DIC image of spongy parenchyma



35SFL39: DIC image of spongy parenchyma

G



WT: DIC image of abaxial epidermis

H



35SFL39: DIC image of abaxial epidermis

Figure 7

# Control



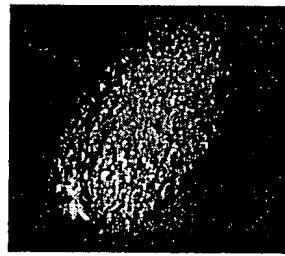
Figure 8A



Figure 8B

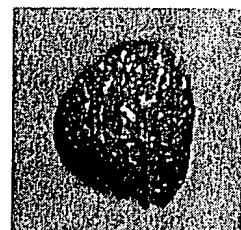
**ICK2**

**Figure 9A**



WT seed

**Figure 9B**



35SFL39 seed

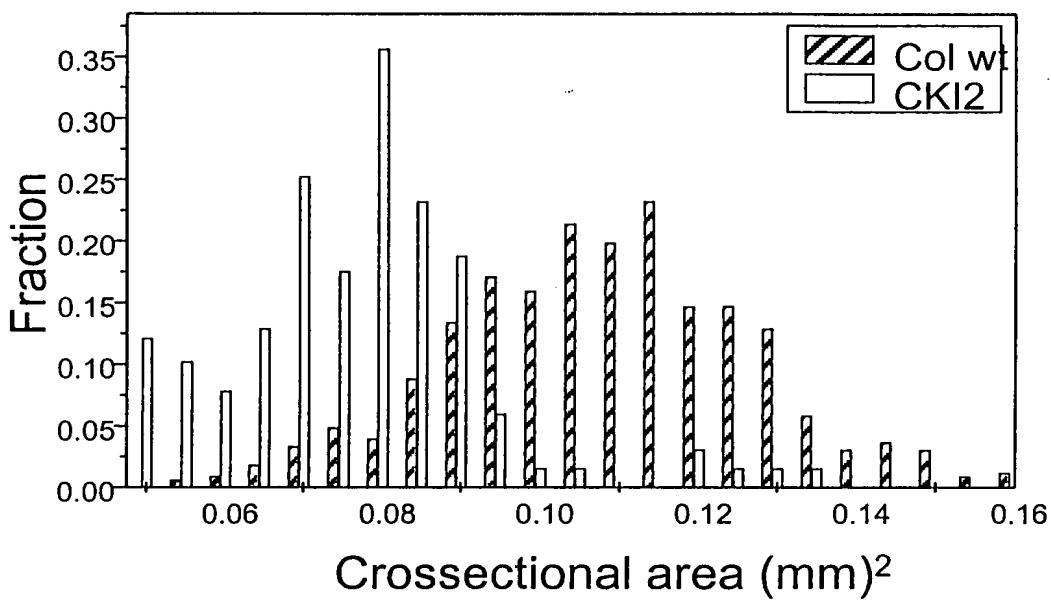


Figure 10

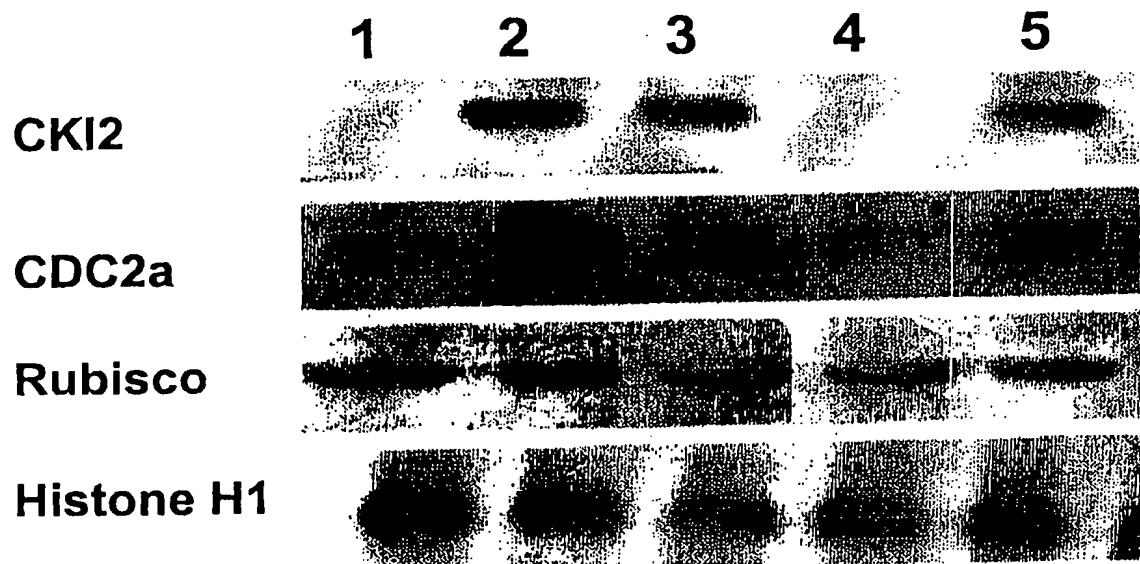


Figure 11

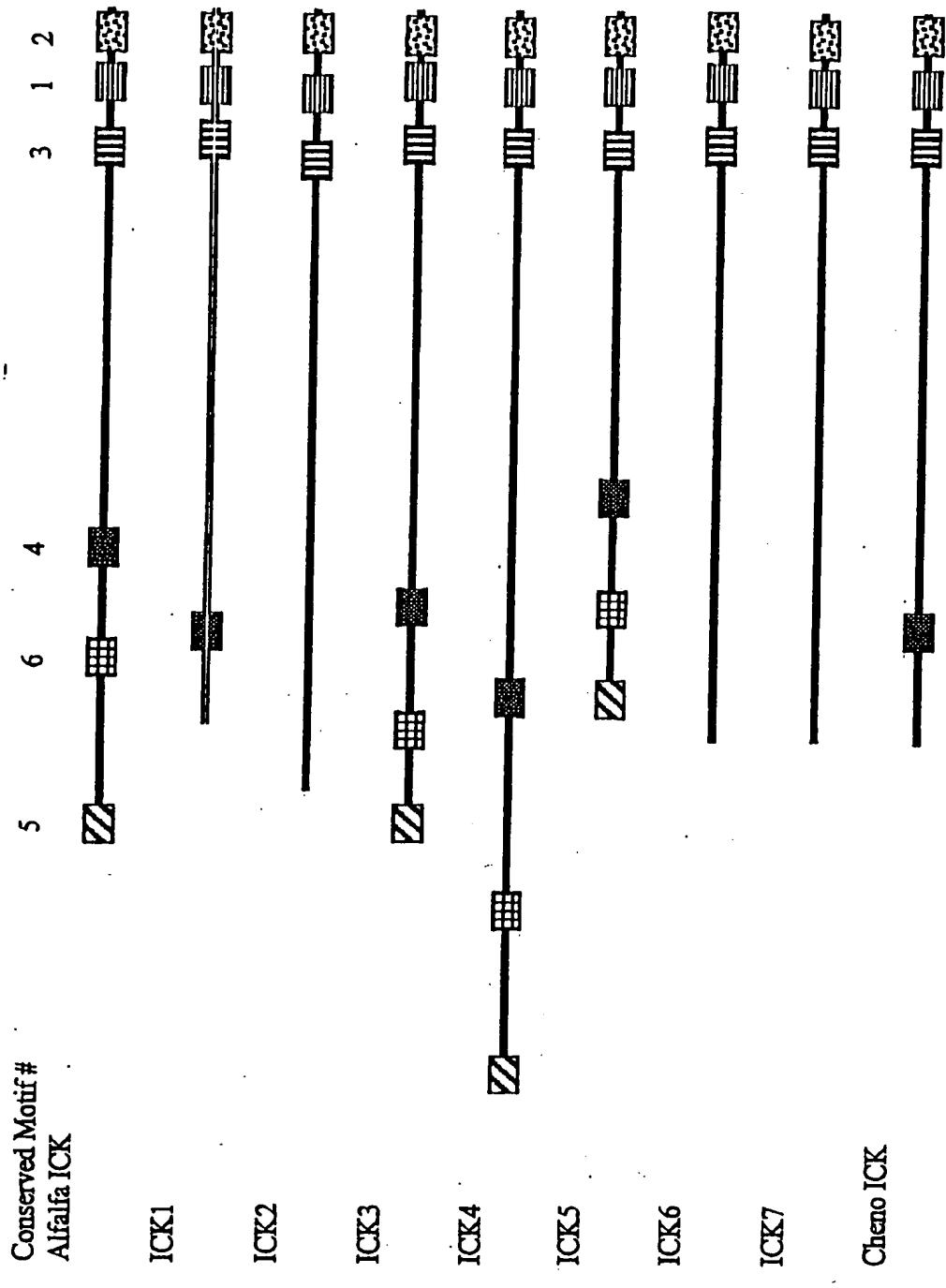


Figure 12